Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76			Attorne	ey Docket	Number	36856	6.1456								
			CI IX 1.7	Applica	Application Number										
Title of	Title of Invention DIRECTIONAL COUPLER														
The app	lication data she	et is part of the p	rovisional or n	onprovisional	application fo	or which it is	beina sul	bmitted. The following form contains	the						
bibliogra This doo	The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.														
Secre	cy Ordei	37 CFR	5.2												
1 1		• •		•	•		-	all under a Secrecy Order pur not be filed electronically.)	suant to						
Appli	cant Info	rmation:													
Applic								Remove							
	ant Authorit		◯l egal B	Representativ	e under 35	SUSC 11	7 (Party of Interest under 35 U.S.	C 118						
Prefix			1 0 -	Middle Na				Family Name							
11011	Atsushi			madic Na			TOUJ		Suffix						
Resid		ation (Select	One) O	US Residenc	;y (•) N	lon US Res		Active US Military Service	<u>, </u>						
City	Yasu-shi	ation (Ocicet	$\stackrel{\prime}{\longrightarrow}$	untry Of Re	<u> </u>	JP	Jucitoy	7 touve do willtary dervice							
		37 CFR 1.41(
	g Address o		b). 3F												
Addre	<u>-</u>		rata Manufac	cturing Co., L	td										
Addre			gashikotari 1-		<u></u>										
			-	-criome	64	sto/Drossin									
City		akyo-shi, Kyoto				ate/Provir	ice								
Postal	Code	617-855)5 		Country	I JP									
Applic								Remove							
	ant Authorit		<u> </u>	epresentative under 35 U.S.C. 117				Party of Interest under 35 U.S.	.C. 118						
Prefix	Given Nam	e		Middle Na	me		Family Name								
	Kenji						AJIOKA								
Resid	ence Inform	ation (Select	One) 🔘 l	US Residenc	;y	lon US Re	sidency	Active US Military Service							
City	Sabae-shi Country Of Residence JP														
Citizenship under 37 CFR 1.41(b) i JP															
Mailin	Mailing Address of Applicant:														
Addre	Address 1 C/O Murata Manufacturing Co., Ltd.,														
Addre	Address 2 10-1 Higashikotari 1-chome														
City	y Nagaokakyo-shi, Kyoto-fu State/Province														
Postal Code 617-8555				Country	i JP										
	All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.														
Corre	Correspondence Information:														
									Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).						
			or comple		esponder	ice Inforn	nation	section below.							

Under the Pa	aperwork R	leduction Act of 1995, no pe	rsons	are required to respo	nd to a collection	on of information (unless it contains a v	alid OMB co	ntrol number
Application Data Sheet 37 CFR 1.76			Attorney Docket Number		36856.1456				
Application 5a		Application Number							
Title of Invention	of Invention DIRECTIONAL COUPLER								
Customer Number	-	54066							
Email Address		USPTO@KBIPLAW	/.COI	М			Add Email	Remove	e Email
Application In	forma	ation:				·			
Title of the Inventi	on	DIRECTIONAL CO	UPLE	ER					
Attorney Docket N	lumber	36856.1456			Small Ent	ity Status C	laimed 🗌		
Application Type		Nonprovisional		L					
Subject Matter		Utility							
Suggested Class (if any)	333			Sub Class	s (if any) 1	16		
Suggested Techno	ology C	enter (if any)	280	00					
Total Number of D	rawing	Sheets (if any)	6		Suggeste	d Figure for	Publication ((if any)	
Publication Inform	ation:			ļ .					
Request Early	Publica	tion (Fee required a	at tim	e of Request 3	7 CFR 1.2	19)			
and certify tha	Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing								
Representative information in the Enter either Cust are completed the Cu	mation s Applicat	hould be provided f ion Data Sheet does Number or comp	not co lete	onstitute a power the Represe	of attorney ntative N	in the application	ation (see 37 CF n below. If	R 1.32).	Providing sections
Please Select One:	(Customer Number	er	US Patent	Practitione	r 🔵 US	Representative	e (37 CFR	. 11.9)
Customer Number	Customer Number 54066								
Domestic Prio This section allows for application data sheet (4), and need not other	r the app	plicant to claim benefit	ence i	equired by 35 U					
Prior Application	Status	Pending					Remov	ve	
Application Number Continuity		Тур	Type Prior Applicat		ion Number Filing Date (YYY			 ИМ-DD)	
		a 371 of internation		PCT/JP2005/006345		6345	2005-03-31		
Additional Domestic	c Priorit	y Data may be ge	nerat	ted within this	form by s	electing	Add		
Foreign Priori	ty Inf	ormation:							

		teduction 7 tot of 1000; the per-							
Application Data Sheet 37 CFR 1.76			Attorney Docket Number		36856.1456				
			Application Number						
Title of Invention	DIREC	TIONAL COUPLER							
	This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).								
						Remove			
Application Nur	mber	Country	y i	Parent Filing D	ate (YYYY-MM-DD)	Р	riority Claime	d	
2004-148116		JP		2004-05-18		•	Yes O No)	
						Remove]		
Application Nur	mber	Country	y i	Parent Filing D	ate (YYYY-MM-DD)	Р	riority Claime	d	
2005-068773		JP		2005-03-11		•	Yes O No)	
Additional Foreign Add button.	Additional Foreign Priority Data may be generated within this form by selecting the Add button. Add								

Assignee Information:

-	n the application data sheet does not grament recorded in the Office.	substitute for compliance w	ith any requirement of part 3 of Title 37					
Assignee 1 Remove								
If the Assignee is an Organization check here.								
Organization Name	Murata Manufacturing Co., Ltd.	urata Manufacturing Co., Ltd.						
Mailing Address Information:								
Address 1	10-1 Higashikotari 1-chome							
Address 2								
City	Nagaokakyo-shi, Kyoto-fu	State/Province						
Country i JP		Postal Code	617-8555					
Phone Number		Fax Number						
Email Address		·						
Additional Assignee Data may be generated within this form by selecting the Add button.								

Signature:

_	A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.						
Signature	Signature /Stephen R. Funk #57,751/				2006-06-08		
First Name	Stephen	Last Name	Funk	Registration Number	57,751		

PTO/SB/14 (08-05) Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Da	nta Sheet 37 CFR 1.76	Attorney Docket Number	36856.1456
Application Bata officer of CTR 1.70		Application Number	
Title of Invention	DIRECTIONAL COUPLER		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.